

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	7	("4775310" "5015251" "5383872" "5518795" "5643651" "5669120" "6080347"):PN.	US-PGPUB; USPAT	OR	ON	2004/11/20 11:44
S2	46872	velcro (hook! adj1 (loop! pile hook!)) ((touch! surface!) adj1 fastener)	US-PGPUB; USPAT	OR	ON	2004/11/19 16:24
S3	8817	(twist\$3 with (shear\$3 torque\$1))	US-PGPUB; USPAT	OR	ON	2004/11/19 16:25
S4	182	S2 and S3	US-PGPUB; USPAT	OR	ON	2004/11/19 17:00
S5	14725	velcro (hook! adj1 (loop! pile hook!)) ((touch! surface!) adj1 fastener)	EPO; JPO; DERWENT	OR	ON	2004/11/19 16:24
S6	2867	(twist\$3 with (shear\$3 torque\$1))	EPO; JPO; DERWENT	OR	ON	2004/11/19 16:24
S7	0	S5 and S6	EPO; JPO; DERWENT	OR	ON	2004/11/19 17:00
S8	18308	(twist\$3 with force)	US-PGPUB; USPAT	OR	ON	2004/11/19 16:59
S9	401	S2 and S8	US-PGPUB; USPAT	OR	ON	2004/11/19 16:26
S10	355	S9 not S4	US-PGPUB; USPAT	OR	ON	2004/11/19 16:26
S11	5237	(twist\$3 with force)	EPO; JPO; DERWENT	OR	ON	2004/11/19 16:59
S12	1	S5 and S11	EPO; JPO; DERWENT	OR	ON	2004/11/19 17:00
S13	75	S2 and centroid	US-PGPUB; USPAT	OR	ON	2004/11/19 17:05
S14	0	S5 and centroid	EPO; JPO; DERWENT	OR	ON	2004/11/19 17:05
S15	1031	604/389-391.ccls.	US-PGPUB; USPAT	OR	ON	2004/11/20 13:11
S17	125	604/389-391.ccls.	EPO; JPO; DERWENT	OR	ON	2004/11/20 13:15
S18	952	24/442,306,450,452.ccls.	US-PGPUB; USPAT	OR	ON	2004/11/20 13:40
S19	895	S18 not S15	US-PGPUB; USPAT	OR	ON	2004/11/20 13:16
S20	87	24/442,306,450,452.ccls.	EPO; JPO; DERWENT	OR	ON	2004/11/20 13:43
S22	896	428/100.ccls.	US-PGPUB; USPAT	OR	ON	2004/11/20 13:58

S23	723	S22 not (S15 S18)	US-PGPUB; USPAT	OR	ON	2004/11/20 13:43
S24	63	428/100.ccis.	EPO; JPO; DERWENT	OR	ON	2004/11/20 14:00
S35	16	("3297026"   "3577986"   "3587570"   "3797483").PN. OR ("3872860").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:20
S36	21	("0937354"   "2050269"   "2511182"   "2583895"   "2723663"   "3380447"   "3612046"   "3720206"   "3978853").PN. OR ("4565370").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:20
S37	7	("4235182").PN. OR ("4745870").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:21
S38	129	("0483663"   "0819150"   "2362410"   "2489951"   "2907365"   "2964789"   "3031730"   "3085292"   "3089191"   "3114918"   "3147528"   "3175026"   "3196196"   "3196490"   "3235438"   "3241182"   "3243339"   "3312583"   "3316592"   "3317644"   "3327627"   "3369274"   "3390044"   "3394431"   "3439383"   "3445915"   "3507010"   "3555601"   "3557407"   "3590109"   "3594863"   "3594865"   "3708833"   "3729364"   "3732600"   "3735468"   "3752619"   "3758657"   "3762000"   "3917787"   "3954368"   "3988401"   "4097634"   "4162757"   "4169303"   "4289470"   "4290174"   "4323533"   "4451421").PN. OR ("4775310").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:25
S39	44	("1885007"   "2519712"   "3000384"   "3086529"   "3190444"   "3297026"   "3376865"   "3535718"   "3543977"   "3586001"   "4149540"   "4182338"   "4273130"   "4384583"   "4414969"   "4422455"   "D254214").PN. OR ("5015251").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:25

S40	43	("1081245"   "3458867"   "3463147"   "3575166"   "3786804"   "3804084"   "4041940"   "4120052"   "4198708"   "4494247"   "4723322"   "4953569"   "5024216"   "5086761"   "D239220").PN. OR ("5255391").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:26
S41	39	("2181689"   "2285612"   "2397709"   "2813526"   "3020910"   "3260261"   "3351053"   "3441027"   "3462775"   "3605731"   "3817245"   "4202327"   "4475543"   "4497315"   "4508110"   "4559933"   "4574790"   "4794916"   "4901710"   "4905678"   "4957103"   "5012798"   "5038760"   "5048542"   "5072725"   "5074288").PN. OR ("5295947").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:26
S42	89	("0569213"   "0625022"   "2717437"   "3057354"   "3130111"   "3147528"   "3397697"   "3426400"   "3461513"   "3536518"   "3550223"   "3557407"   "3562044"   "3594863"   "3594865"   "3629032"   "3643316"   "3708382"   "3943981"   "4056593"   "4169303"   "4198734"   "4285343"   "4462784"   "4532157"   "4562099"   "4589876"   "4608047"   "4672893"   "4687478"   "4699622"   "4725221"   "4776068"   "4794028"   "4846815"   "4869724"   "4876982"   "4894060"   "4900319"   "4900320"   "4917697"   "4938835"   "4963140"   "4973326"   "4984339"   "4995873"   "5019065"   "5040275"   "5053028"   "5058247"   "5116563"   "5122219"   "5131119"   "5135522"   "5180534").PN. OR ("5300058").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:26

S43	39	("2751598"   "3512776"   "3707730"   "3728738"   "4138108"   "4198709"   "4228548"   "4408358"   "5014689"   "5058209"   "5197149").PN. OR ("5313667").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:26
S44	39	("3618608"   "4681580"   "4801298"   "4894060"   "5019065"   "5151092"   "5176671").PN. OR ("5383872").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:26
S45	37	("2389690"   "3042027"   "3135256"   "3164151"   "3343532"   "3397688"   "3610235"   "3916885"   "4099523"   "4520801"   "4682588"   "5060637"   "5060661").PN. OR ("5403266").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:26
S46	29	("2343220"   "2751598"   "3152338"   "3387306"   "3394408"   "3548414"   "3863271"   "4051552"   "4329741"   "4453275"   "4514861"   "4590627"   "4691388"   "4751750"   "4882787"   "5146627").PN. OR ("5423089").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:27
S47	10	("3266113"   "4984339"   "5040275").PN. OR ("5457856").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:27
S48	34	("3312583"   "3594863"   "3594865"   "3758657"   "3843760"   "4097634"   "4726975"   "4784890"   "4872243"   "4931344"   "4933224").PN. OR ("5518795").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:27

S49	43	("2181689"   "2285612"   "2397709"   "2813526"   "2828737"   "3020910"   "3260261"   "3351053"   "3441027"   "3462775"   "3605731"   "3817245"   "4202327"   "4475543"   "4497315"   "4508110"   "4559933"   "4574790"   "4794916"   "4901710"   "4905678"   "4957103"   "5012798"   "5038760"   "5048542"   "5072725"   "5074288"   "5207636"   "5267948"   "5295947").PN. OR ("5569171").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:27
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S50	137	("0281760"   "0595510"   "0983093"   "1212262"   "1214261"   "1342979"   "1887913"   "1954242"   "1988868"   "2144755"   "2206223"   "2435183"   "2461201"   "2487400"   "2499898"   "2558367"   "2632894"   "2717437"   "2780261"   "2879018"   "2895753"   "2926409"   "3000658"   "3009235"   "3039340"   "3054434"   "3086899"   "3101517"   "3108924"   "3173184"   "3182345"   "3192589"   "3198228"   "3263292"   "3266113"   "3335774"   "3353663"   "3369265"   "3372442"   "3408705"   "3545048"   "3577105"   "3604145"   "3618802"   "3633642"   "3689346"   "3703739"   "3730382"   "3742663"   "3780469"   "3869764"   "3899805"   "3905174"   "3955245"   "4060089"   "4093009"   "4244683"   "4329384"   "4330590"   "4374077"   "4403692"   "4452356"   "4520943"   "4533042"   "4550362"   "4576850"   "4581792"   "4646397"   "4775219"   "4819309"   "4871623"   "4875259"   "4887339"   "4959265"   "4979613"   "5040275"   "5071363"   "5076288"   "5088164"   "5097570"   "5113555"   "5201101"   "5212855"   "5344177"   "5360270").PN. OR ("5634245"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:27
S51	6	("3267191"   "5520983").PN. OR ("5643651").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:28

S52	56	("3387345"   "3399425"   "3555630"   "3594863"   "3594865"   "3608035"   "3758657"   "4541154"   "4592118"   "4654246"   "4931344"   "4999067"   "5142743"   "5231738"   "5260015"   "5369852"   "5393475"   "5441687"   "5512234"   "5518795").PN. OR ("5669120").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:28
S53	15	("2386708"   "2995282"   "4139130"   "4390014"   "5122111"   "5188586"   "5205448"   "5240156"   "5274851"   "5349706"   "5387183"   "5399151"   "5551085").PN. OR ("5702042").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:28
S54	24	("2852779"   "3105972"   "3348238"   "3532344"   "3918097"   "5022094"   "5033120"   "5088122"   "5184353"   "Re31538").PN. OR ("5742942").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:28
S55	44	("3031730"   "3136026"   "3214816"   "3243339"   "3261069"   "3278152"   "3372444"   "3546754"   "3557407"   "3708833"   "3913183"   "4706914"   "4709453"   "4725221"   "4775310"   "4794028"   "4872243"   "4984339"   "5058247"   "5116563"   "5300058"   "5315740"   "5325569"   "5339499"   "5505747"   "5604963"   "5620769"   "5625930"   "5669120").PN. OR ("5887320").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:33
S56	7	("4964860"   "5066289"   "5135522"   "5151092"   "5549593").PN. OR ("5971970").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:33
S57	16	("3848594"   "4628709"   "4699622"   "4846815"   "4869724"   "4963140"   "5032122"   "5058247"   "5116563"   "5133112"   "5300058"   "5361462").PN. OR ("6080347").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:33

S58	23	("4617022"   "4699622"   "4704116"   "4936840"   "5226992"   "5288546"   "5516567"   "5554143"   "5593401"   "5605735"   "5624429"   "5722127"   "5769832"   "5782819").PN. OR ("6099516").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:33
S59	5	("1541736"   "4516774"   "4964192"   "5951418").PN. OR ("6135902").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:33
S60	22	("2104487"   "2180346"   "2184329"   "2390462"   "4004297"   "4941237"   "4987610"   "5123120"   "5182812"   "5309608"   "5343564"   "5343565"   "5515544"   "5786062"   "5888335"   "5913480").PN. OR ("6185745").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:35
S61	18	("2104487"   "2180346"   "2390462"   "4004297"   "4941237"   "5123120"   "5182812"   "5309608"   "5343564"   "5343565"   "5515544"   "5786062"   "5888335"   "5913480"   "6233352").PN. OR ("6397393").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:35
S62	11	("0668408"   "0770535"   "2326776"   "3845769"   "4486965"   "5271130"   "5307569"   "5699629").PN. OR ("6745500").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:36
S63	0	("2003/0009144").URPN.	USPAT	OR	ON	2004/11/20 14:36
S64	0	("2002/0138064").URPN.	USPAT	OR	ON	2004/11/20 14:36
S65	0	("2002/0138059").URPN.	USPAT	OR	ON	2004/11/20 14:37
S66	0	("2002/0123734").URPN.	USPAT	OR	ON	2004/11/20 14:37
S67	0	("2002/0016581").URPN.	USPAT	OR	ON	2004/11/20 14:37
S68	11	("3256882"   "3592194"   "4643730"   "4699621"   "5049145"   "5151092"   "5286112"   "5624428"   "5928212"   "5987545").PN. OR ("6755809").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:37

S69	67	( "20030004490"   "3020613"   "3387345"   "3655855"   "4643932"   "4646397"   "4663220"   "4672722"   "4704116"   "4707893"   "4776068"   "4798603"   "4850991"   "4870725"   "4881997"   "4884323"   "4920617"   "4931344"   "4937887"   "5081748"   "5176668"   "5176672"   "5180534"   "5192606"   "5226992"   "5231738"   "5326612"   "5336545"   "5369852"   "5369853"   "5401275"   "5441687"   "5473800"   "5509915"   "5515583"   "5518795"   "5531732"   "5545159"   "5554146"   "5606781"   "5624429"   "5669901"   "5695868"   "5744080"   "5759181"   "5766723"   "5782819"   "5786061"   "5789065"   "5843056"   "5846262"   "5851205"   "5868987"   "5876531"   "5897545"   "5930875"   "5942177"   "5957908"   "6007527"   "6030373"   "6102901"   "6131251"   "6149934"   "6210389" ).PN. OR ("6730069").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:38
S70	32	( "1201860"   "2028602"   "2839057"   "3368562"   "3727238"   "3954107"   "4247959"   "4280230"   "4327448"   "4459705"   "4475912"   "4488317"   "4555245"   "4631062"   "4663220"   "4704116"   "4745636"   "4797955"   "4808177"   "4935021"   "5052058"   "5226992"   "5435014"   "5451217"   "5476458"   "5531732"   "5546607"   "5820620" ).PN. OR ("6652497").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:38

S71	13	( "4663220"   "5226992"   "5399219"   "5531732"   "5540796"   "5595618"   "5624429"   "5660666"   "5716478"   "5759317"   "6022443"   "6113717"   "6149755" ).PN. OR ("6596107"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:38
S72	19	( "3777759"   "4044769"   "4199646"   "4699146"   "4846828"   "5156911"   "5387450"   "5589246"   "5633010"   "5648167"   "5782787"   "5876745"   "5889118"   "5921977"   "6160200"   "6166285"   "6168583" ).PN. OR ("6565549"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:38

S73	191	("20020095131"   "20020099353"   "2957512"   "3039466"   "3277547"   "3316139"   "3319307"   "3577607"   "3694867"   "3842832"   "3842837"   "3943981"   "4051854"   "4122552"   "4145763"   "4201203"   "4205679"   "4209563"   "4244368"   "4253461"   "4259957"   "4338938"   "4402690"   "4418123"   "4446189"   "4496360"   "4516975"   "4560381"   "4581772"   "4585447"   "4610680"   "4610682"   "4615695"   "4619649"   "4623339"   "4650483"   "4655760"   "4657802"   "4662875"   "4663220"   "4699622"   "4701170"   "4701176"   "4704116"   "4705710"   "4714096"   "4718901"   "4720415"   "4725473"   "4743239"   "4756709"   "4761318"   "4770656"   "4771483"   "4789699"   "4834742"   "4847134"   "4850988"   "4850992"   "4863785"   "4894060"   "4895569"   "4923456"   "4936840"   "4938757"   "4940464"   "4963140"   "5019073"   "5032122"   "5046272"   "5062839"   "5087253"   "5104116"   "5114781"   "5116662"   "5151092"   "5176671"   "5185052"   "5224405"   "5226992"   "5242436"   "5256231"   "5315716"   "5318555"   "5326612"   "5342341"   "5370634"   "5380313"   "5383872"   "5385775"   "5399219"   "5401275"   "5407439"   "5413654"   "5451219"   "5476702"   "5496298"   "5503908"   "5527602"   "5531731"   "5531732"   "5542942"   "5546608"   "5547531"   "5549591"   "5554239"   "5569233"   "5591155"   "5595567"   "5603708"   "5605735"   "5606781"	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:38
Search History	12/13/06 11:59:19 AM	56106942001	56106942001	5620432	5620432	C:\APPS\EAST\Workspaces\56106942001\5620432\5624427\5624429

S74	9	("4747846"   "5246433"   "5531732"   "5575784").PN. OR ("6302871").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:39
S75	6	("3995639"   "4917929"   "5147347"   "5151092"   "5242436"   "5312387").PN. OR ("6267836").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:39
S76	36	("3893460"   "3901236"   "3937221"   "4076663"   "4286082"   "4290174"   "4322875"   "4662037"   "4663220"   "4699823"   "4704116"   "4753646"   "4916005"   "4938753"   "5019073"   "5040275"   "5226992"   "5288546"   "5304162"   "5374262"   "5386595"   "5399219"   "5423789"   "5486166"   "5490846"   "5540796"   "5562650"   "5595618"   "5605735"   "5606781"   "5624429"   "5858515"   "5897546"   "5933927").PN. OR ("6210389").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:39
S77	20	("3561446"   "3847702"   "4964860"   "4998929"   "5032122"   "5143679"   "5156793"   "5167897"   "5256231"   "5326612"   "5429856"   "5470417"   "5505852"   "5527304"   "5593401"   "5607416"   "5614281").PN. OR ("6051094").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:40
S78	30	("4704114"   "4847134"   "4884323"   "5496298"   "5527302"   "5695488"   "5722127"   "5873868"   "5873870").PN. OR ("5957908").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:40
S79	61	("3955575"   "4596568"   "4610682"   "4643932"   "4884323"   "4936840"   "4938753"   "4938757"   "4940464"   "5069678"   "5087253"   "5106385"   "5246433"   "5330458"   "5370634"   "5496298"   "5527302"   "5722127").PN. OR ("5897545").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:40

S80	94	( "2738789"   "2834347"   "3089494"   "3221738"   "3620217"   "3800796"   "3901236"   "3948258"   "3948267"   "3950824"   "3967624"   "4010753"   "4034752"   "4051853"   "4060085"   "4063559"   "4066081"   "4074716"   "4076663"   "4090516"   "4158363"   "4186744"   "4209016"   "4237889"   "4286082"   "4299223"   "4389212"   "4500316"   "4556595"   "4633565"   "4655761"   "4663220"   "4699823"   "4701170"   "4701176"   "4704115"   "4704116"   "4743242"   "4753646"   "4753649"   "4773906"   "4787897"   "4795510"   "4820296"   "4826499"   "4834742"   "4842596"   "4850988"   "4883481"   "4887339"   "4894060"   "4895569"   "4911702"   "4916005"   "4938753"   "4955113"   "4984339"   "5019073"   "5024672"   "5040525"   "5092862"   "5141790"   "5147347"   "5158557"   "5170505"   "5226992"   "5242436"   "5269776"   "5279604"   "5288546"   "5399219"   "5407439"   "5482588"   "5487809"   "5549592" ). PN. OR ("5876531"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:40
S81	41	( "1201860"   "2028602"   "2839057"   "3368562"   "3727238"   "3954107"   "4247959"   "4280230"   "4327448"   "4459705"   "4475912"   "4488317"   "4555245"   "4631062"   "4663220"   "4704116"   "4745636"   "4797955"   "4808177"   "4935021"   "5052058"   "5226992"   "5435014"   "5451217"   "5476458"   "5531732"   "5546607" ). PN. OR ("5853405"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:41

S82	13	("3089494"   "4690719"   "4760764"   "4850988"   "5034007"   "5110386"   "5399219"   "5453143").PN. OR ("5725714").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:41
S83	25	("3875837"   "4012268"   "4670960"   "4690719"   "4704115"   "4760764"   "4862574"   "4911777"   "4938753"   "4940464"   "4980007"   "5034007"   "5110386"   "5156793"   "5167897"   "5354400"   "5354408"   "5399219"   "5580411").PN. OR ("5683533").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:41
S84	85	("2244422"   "2509674"   "3265765"   "3365315"   "3479425"   "3485912"   "3557265"   "3560292"   "3562356"   "3616770"   "3639917"   "3694815"   "3700633"   "3800796"   "3860003"   "4116917"   "4152387"   "4156673"   "4177812"   "4197069"   "4227952"   "4239578"   "4261782"   "4300562"   "4300967"   "4309236"   "4324245"   "4352355"   "4371417"   "4381781"   "4386125"   "4389212"   "4418123"   "4462819"   "4476180"   "4486192"   "4573991"   "4626305"   "4643729"   "4681580"   "4687477"   "4710189"   "4767726"   "4778701"   "4813947"   "4834820"   "4880682"   "4880706"   "4938753"   "4940464"   "4958757"   "5156793"   "5332616"   "5344691"   "5354597"   "5399219"   "5429856"   "Re22038"   "Re31922").PN. OR ("5620780").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:42
S85	25	("3848594"   "3926190"   "4923456"   "5312387").PN. OR ("5603708").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:42

S86	54	("2714889"   "3616114"   "3776234"   "3848594"   "3862634"   "3893460"   "3901236"   "3931666"   "3937221"   "3948258"   "3948267"   "3948268"   "3978860"   "3999545"   "4005712"   "4005713"   "4010753"   "4047530"   "4049001"   "4050462"   "4051853"   "4055182"   "4058125"   "4067337"   "4074716"   "4076663"   "4136698"   "4144887"   "4186744"   "4210144"   "4227530"   "4286082"   "4299223"   "4522853"   "4540415"   "4552560"   "4568344"   "4699823"   "4704116"   "4726971"   "4753646"   "4753649"   "4778701"   "4801480"   "4883480"   "4916005"   "5024672"   "5034007").PN. OR ("5516567").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:42
S87	65	("1989283"   "2545761"   "2558215"   "2571577"   "2684677"   "2743725"   "3349769"   "3386443"   "3563242"   "3568676"   "3653381"   "3838693"   "3955575"   "4475912"   "4537591"   "4578073"   "4680030"   "4681581"   "4695278"   "4704117"   "4728326"   "4773906"   "4801298"   "4808177"   "4850987"   "4961736"   "5069672"   "5137526"   "5209743"   "5217447"   "Re28483").PN. OR ("5409476").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:42
S88	44	("2477914"   "3110312"   "3530859"   "3999545"   "4581772"   "4869724"   "4894060").PN. OR ("5401275").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:42

S89	162	("2714889"   "3616114"   "3862634"   "3948267"   "3948268"   "4029098"   "4050462"   "4051853"   "4055182"   "4066081"   "4074716"   "4076663"   "4237890"   "4286082"   "4522853"   "4568344"   "4585447"   "4595441"   "4643729"   "4663220"   "4704116"   "4726971"   "4753646"   "4753649"   "4778701"   "4787897"   "4795456"   "4801480"   "4826499"   "4857067"   "4911702"   "4916005"   "4938753"   "4978570"   "5024672"   "5032119"   "5034007"   "5057097"   "5092862"   "5106384"   "5110386"   "5176670"   "5176672"   "5192606"   "5226992"   "5288546"   "5312387"   "5330598").PN. OR ("5399219").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:43
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S90	185	("1245655"   "1494044"   "2516951"   "2548162"   "2564094"   "2566139"   "2827052"   "3081772"   "3110312"   "3141461"   "3150664"   "3196511"   "3359980"   "3441024"   "3441025"   "3452753"   "3455303"   "3460535"   "3530859"   "3618608"   "3653381"   "3728191"   "3882871"   "3955575"   "4051854"   "4145763"   "4171239"   "4241462"   "4259957"   "4299223"   "4315508"   "4338938"   "4340563"   "4388075"   "4402690"   "4405297"   "4410327"   "4445242"   "4475912"   "4516975"   "4568342"   "4578072"   "4578073"   "4589878"   "4592118"   "4596568"   "4597760"   "4597761"   "4608115"   "4610680"   "4610682"   "4615695"   "4617022"   "4623339"   "4630320"   "4641381"   "4662037"   "4663220"   "4670012"   "4680030"   "4681581"   "4704117"   "4710414"   "4728326"   "4745926"   "4753649"   "4761318"   "4770917"   "4773906"   "4776068"   "4781966"   "4794028"   "4798603"   "4801298"   "4834742"   "4835795"   "4846815"   "4847134"   "4854136"   "4869724"   "4870725"   "4884713"   "4886512"   "4887338"   "4887339"   "4891868"   "4894060"   "4904249"   "4908025"   "4909802"   "4909879"   "4932950"   "4936840"   "4937887"   "4938754"   "4963140"   "4964860"   "4973326"   "4981480"   "4988346"   "4994054"   "5019073"   "5021111"   "5026450"   "5032122"   "5049145"   "5100399"   "5125246"   "5193225"   "5209743"   "5318555").PN. OR ("5386595").	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:43
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S91	48	("3848594"   "5085655"   "5154715"   "5176670").PN. OR ("5312387").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:43
S92	27	("3000384"   "3430300"   "4149540"   "4553293"   "4672722"   "4759963"   "4815172"   "4878274"   "4893381"   "4939818"   "4955981"   "5048158"   "5104076"   "5142743"   "5168603"   "5312387"   "5603708"   "5604961"   "5802676"   "5913483"   "6044525"   "6205623"   "6349904"   "6467132"   "6588074").PN. OR ("6763554").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:43
S93	79	("2714889"   "3616114"   "3776234"   "3848594"   "3862634"   "3893460"   "3901236"   "3931666"   "3937221"   "3948258"   "3948267"   "3948268"   "3978860"   "3999545"   "4005712"   "4005713"   "4010753"   "4047530"   "4050462"   "4051853"   "4055182"   "4058125"   "4067337"   "4074716"   "4076663"   "4136698"   "4144887"   "4186744"   "4210144"   "4227530"   "4286082"   "4299223"   "4522853"   "4540415"   "4568344"   "4699823"   "4704116"   "4726971"   "4753646"   "4753649"   "4801480"   "4883480"   "4916005"   "5024672"   "5034007").PN. OR ("5288546").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:44
S94	41	("2499898").URPN.	USPAT	OR	ON	2004/11/20 14:44

S95	26	("0729305"   "3403429"   "3501774"   "3765694"   "4428101"   "4514882"   "4553293"   "4571854"   "4571856"   "4780936"   "4878274"   "4879787"   "4999888"   "5016327"   "5040274"   "5042119"   "5131108"   "5170573"   "5416987"   "5430960"   "5778500"   "D270779").PN. OR ("6295704").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:45
S96	22	("0521686"   "0540661"   "0610394"   "0628335"   "0720450"   "2861276"   "3046564"   "4258440"   "4300568"   "4879766"   "4914756"   "4917651"   "5032104"   "5111807"   "5624296").PN. OR ("6253424").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:45
S97	6	("4012544"   "4653582"   "5108384"   "5537722"   "5605735"   "5624429").PN. OR ("6195850").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:46
S98	29	("4114838"   "4229924"   "4470174"   "4629977"   "4690476"   "4854015"   "4957450"   "5015251"   "5024402"   "5048158"   "5075933"   "5075934"   "5104335"   "5133671"   "5167524"   "5168603"   "5336107").PN. OR ("5732445").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:46
S99	15	("2214030"   "2748517"   "3453696"   "3851357"   "3940873"   "5048160").PN. OR ("5655268").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:46
S100	16	("3708833"   "3762000"   "4984339"   "5131119"   "5315740").PN. OR ("5604963").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:46
S101	7	("3266113"   "5040275"   "5212853").PN. OR ("5596794").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:46
S102	26	("1780407"   "3578545"   "4047505"   "4609245").PN. OR ("4722477").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:47

S10 3	16	("3638651"   "3646937"   "3856008"   "3869761"   "4036233"   "4662875"   "4923456"   "4936840"   "5019070"   "5133707"   "5275588"   "5324279"   "5342344"   "5531731"   "5897546"   "6045543").PN. OR ("6733483").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:47
S10 4	21	("3618608"   "4402690"   "4728326"   "4917693"   "5032119"   "5069672"   "5106382"   "5106385"   "5112326"   "5135522"   "5261901"   "5304162"   "5318555"   "5370632"   "5374262"   "5386595"   "5403303"   "5423789"   "5445628").PN. OR ("6241716"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:47
S10 5	52	("2294617"   "2834347"   "3983876"   "3990449"   "4010754"   "4034752"   "4090516"   "4209016"   "4410326"   "4500316"   "4753650").PN. OR ("4850988"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 14:47
S10 6	1643	S35 S36 S37 S38 S39 S40 S41 S42 S43 S44 S45 S46 S47 S48 S49 S50 S51 S52 S53 S54 S55 S56 S57 S58 S59 S60 S61 S62 S63 S64 S65 S66 S67 S68 S69 S70 S71 S72 S73 S74 S75 S76 S77 S78 S79 S80 S81 S82 S83 S84 S85 S86 S87 S88 S89 S90 S91 S92 S93 S94 S95 S96 S97 S98 S99 S100 S101 S102 S103 S104 S105	US-PGPUB; USPAT	OR	ON	2004/11/20 14:49

S10 7	87	(US-20010000361-\$ or US-20030029057-\$ or US-20030167605-\$ or US-20030221858-\$ or US-20040040125-\$ or US-20040087929-\$ or US-20040073188-\$ or US-20030216708-\$ or US-20030216707-\$ or US-20030100879-\$ or US-20030009144-\$ or US-20020138064-\$ or US-20020138059-\$ or US-20020123734-\$ or US-20020095131-\$ or US-20020016581-\$ or US-20030087059-\$ or US-20030049407-\$ or US-20030044569-\$ or US-20040097896-\$ or US-20020062117-\$).did. or (US-3872860-\$ or US-4565370-\$ or US-4745870-\$ or US-4775310-\$ or US-5015251-\$ or US-5255391-\$ or US-5295947-\$ or US-5300058-\$ or US-5313667-\$ or US-5383872-\$ or US-5403266-\$ or US-5423089-\$ or US-5457856-\$ or US-5518795-\$ or US-5569171-\$ or US-5634245-\$ or US-5643651-\$ or US-5669120-\$ or US-5702042-\$ or US-5742942-\$ or US-5887320-\$ or US-5971970-\$ or US-6080347-\$ or US-6099516-\$ or US-6135902-\$ or US-6185745-\$).did. or (US-6397393-\$ or US-6745500-\$ or US-6755809-\$ or US-6730069-\$ or US-6652497-\$ or US-6596107-\$ or US-6565549-\$ or US-6554816-\$ or US-6302871-\$ or US-6267836-\$ or US-6210389-\$ or US-6051094-\$ or US-5957908-\$ or US-5897545-\$ or US-5876531-\$ or US-5853405-\$ or US-5725714-\$ or US-5683533-\$ or US-5620780-\$ or US-5603708-\$ or US-5516567-\$ or US-5409476-\$ or US-5401275-\$ or US-5399219-\$ or US-5386595-\$ or US-5312387-\$ or US-5288546-\$).did. or (US-2499898-\$ or US-6295704-\$ or US-6253424-\$ or US-6195850-\$ or US-5732445-\$ or US-5655268-\$ or US-5604963-\$ or US-5596794-\$ or US-4722477-\$ or US-6733483-\$ or US-6241716-\$ or US-4850988-\$ or US-6763554-\$).did.	US-PGPUB; USPAT	OR	ON	2004/11/20 14:50
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S10 8	1052	S106 not (S15 S18 S22 S107)	US-PGPUB; USPAT	OR	ON	2004/11/20 14:50
S10 9	31	("0147691"   "0498913"   "0770535"   "1253521"   "1500153"   "2833016"   "3214816"   "3403429"   "3875837"   "4670960"   "5060348"   "5269776"   "5312387"   "5399219"   "5487809"   "5603708"   "5768754"   "5961761").PN. OR ("6230374").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 15:04
S11 0	27	("1741423"   "1890471"   "2299936"   "2370036"   "2954074"   "3962900").PN. OR ("4670960").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 15:05

S11 1	106	( "1424005"   "1776353"   "2709475"   "3072123"   "3180335"   "3488778"   "3527221"   "3559648"   "3566752"   "3623927"   "3636951"   "3691570"   "3699966"   "3744383"   "3744494"   "3768530"   "3776233"   "3860003"   "3871378"   "3875837"   "3878283"   "3890973"   "3929134"   "4029101"   "4040423"   "4041950"   "4210143"   "4259958"   "4325372"   "4381782"   "4425127"   "4439260"   "4490148"   "4500316"   "4518451"   "4557777"   "4595441"   "4610751"   "4666550"   "4670011"   "4670960"   "4690719"   "4704115"   "4729814"   "4731071"   "4753645"   "4756958"   "4760764"   "4781710"   "4787896"   "4795453"   "4822435"   "4834740"   "4862574"   "4869942"   "4900317"   "4917750"   "4938753"   "4940464"   "4950355"   "4960477"   "4994052"   "5007906"   "5021051"   "5034007"   "5064489"   "5080741"   "5102487"   "5110386"   "5123316"   "5134007"   "5151091"   "5156793"   "5165979"   "5167897"   "5295988"   "5300054"   "5354400"   "5399219"   "5580411").PN. OR ("5705013").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 15:06
S11 2	41	( "3623927"   "3875837"   "4670960"   "4690719"   "4704115"   "4760764"   "4862574"   "4938753"   "4940464"   "5034007"   "5110386"   "5156793"   "5167897"   "5354400"   "5399219").PN. OR ("5580411"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 15:09

S11 3	42	( "4081301"   "4249532"   "4341216"   "4534769"   "4595441"   "4666542"   "4687477"   "4699620"   "4701172"   "4701173"   "4701175"   "4710187"   "4731066"   "4753646"   "4762582"   "4883480"   "4938754"   "4950262"   "5019066"   "5026364"   "5034007"   "5037416"   "5061261"   "5098423"   "5110386"   "5133707"   "5263948"   "5263949"   "5269775"   "5399219"   "5527303"   "5531730"   "5542942"   "5558660"   "5558661"   "5571096"   "5580411"   "5593401"   "5597437"   "5628737"   "5725714"   "B14636207"   "B14662875").PN. OR ("5985081").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 15:11
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S11 4	106	( "2738789"   "2834347"   "3089494"   "3221738"   "3620217"   "3800796"   "3901236"   "3948258"   "3948267"   "3950824"   "3967624"   "4010753"   "4034752"   "4051853"   "4060085"   "4063559"   "4066081"   "4074716"   "4076663"   "4090516"   "4158363"   "4186744"   "4209016"   "4237889"   "4286082"   "4299223"   "4389212"   "4500316"   "4556595"   "4655761"   "4663220"   "4699823"   "4701170"   "4701176"   "4704115"   "4704116"   "4743242"   "4753646"   "4753648"   "4753649"   "4760764"   "4773906"   "4787897"   "4795510"   "4820296"   "4826499"   "4834742"   "4842596"   "4850988"   "4883481"   "4887339"   "4894060"   "4895569"   "4911702"   "4916005"   "4938753"   "4955113"   "4984339"   "5019073"   "5024672"   "5040525"   "5092862"   "5110386"   "5141790"   "5147347"   "5158557"   "5170505"   "5226992"   "5242436"   "5269776"   "5279604"   "5399219"   "5407439"   "5540796"   "5580411"   "5595618"   "5597437"   "5624429"   "5656111").PN. OR ("5759317"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 15:14
S11 5	24	( "5312387"   "5549592"   "D368775"   "D372532").PN. OR ("D384151").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/20 15:27